

HISTORY KEPT YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		ILLINOIS HIGHWAY INFORMATION SYSTEM STRUCTURE INFORMATION AND PROCEDURE MANUAL	
NBIS REQUIRED YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		ITEM NAME BRIDGE POSTING LEVEL	
		ITEM NO. 70 PAGE 1 of 2 EFF. DATE 07/01/02	
		ISIS Central Bureau of Bridges & Structures (BBS) State: Bridge Rating Unit Local: Local Bridge Unit	MMIS N/A
RESPONSIBLE FOR UPDATE			
STRUCTURES		State	Local
UPDATE SCREENS		(7) Load Rating	(1) Load Rating
INQUIRY SCREENS		(3) Inventory Data 3	(1) Inventory Data 3 of 3

DESCRIPTION AND PURPOSE OF ITEM

This item evaluates the load capacity of a bridge in comparison to the State legal load.

The Bridge Posting Level differs from Item 67 - Structural Evaluation in that Item 67 uses the inventory rating while the bridge posting requirement is normally based on the operating stress level.

The National Bridge Inspection Standards require the posting of load limits only if the maximum legal load in the State produces stresses in excess of the operating stress level. If the load capacity at the operating level is such that posting is required, this item shall be coded 0 (zero) through 4. If no posting is required at the operating level, this item shall be coded "L" or "5" for State structures or "5" for Local structures.

Although posting a bridge for load-carrying capacity is required only when the maximum legal load exceeds the operating stress capacity, highway agencies may choose to post at lower stress levels. This posting practice may appear to produce conflicting coding when Item 41 - Bridge Status is coded to show the bridge as actually posted at the site and Item 70 - Bridge Posting is coded as bridge posting not required. Since different criteria are used for coding these 2 items, this coding is acceptable and correct when the highway agency elects to post at less than the operating stress level. Item 70 shall be coded 0 through 4 only if the legal load of the State exceeds that permitted under the operating stress capacity.

The use or presence of a temporary bridge affects the coding. The load capacity shall reflect the actual capacity of the temporary bridge at the operating stress level. This also applies to bridges shored up or repaired on a temporary basis.

ILLINOIS HIGHWAY INFORMATION SYSTEM

STRUCTURE INFORMATION AND PROCEDURE MANUAL

ITEM NAME **BRIDGE POSTING LEVEL**

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CODE AND SCREEN ENTRY INSTRUCTIONS

The following values are used to code this item:

<u>Code</u>	<u>Relationship of Operating Rating Stress to Legal Load Stress</u>
L	Legal Loads only (State structures only; no permit overloads allowed)
5	No Posting or Legal Load Restrictions Required
Posting Required for the following Codes:	
4	0.1 - 9.9% below
3	10.0 - 19.9% below
2	20.0 - 29.9% below
1	30.0 - 39.9% below
0	> 39.9% below

NOTE: 1) Code "L" applies to state maintained structures only.
2) A structure coded "0" thru "4" should also be coded in
Items 70A1 thru 70C2, as applicable.